

Environmental Assessment Registration Document

Strangemore's Electrical Ltd.
Purposed New Quarry Site
St. Anthony NL

Submitted by:

Strangemore's Electrical Ltd.
48A West St.
P.O. Box 698 AOK 4S0
St. Anthony NL

Table of Contents

1.0 Name of Undertaking	1
2.0 Proponent	1
2.1 Name Of Corporate Body	1
2.2 Address	1
2.3 Principal Contact Person	1
3.0 Undertaking	1
3.1 Nature of The Undertaking	1
3.2 Purpose/Need of Undertaking	1
4.0 Description Of Undertaking	2
4.1 Geographic location	2
4.2 Physical Features	2
4.2.1 Project Description	2
4.2.2 Existing Environmental Conditions	2
4.3 Construction and Operation	3
4.3.1 Road Access	3
4.3.2 Clearing and Grubbing	3
4.3.3 Quarry Development	3
4.4 Potential Sources of Pollution	4
4.5 Wildlife Protection Measurements	5
4.6 Potential Resource Conflicts	5
4.7 Occupations	5
4.8 Remediation	6
4.9 Project Related Documents	6
5.0 Approval of Undertaking	6

1.0 Name of Undertaking Strangemore's Electrical Quarry Development

2.0 Proponent

2.1 Name of Corporate Body Strangemore Electrical Services Ltd.

2.2 Address 48A West St. P.O. Box 698 A0K 4S0

2.3 Principal Contact Person Barry Strangemore
48A West St. St. Anthony NL
P.O. Box 698 A0K 4S0
Office: (709)454-8900 Fax: (709)454-3400
Email Strangemoreselectrical@nf.aibn.com

3.0 Undertaking

3.1 Nature of Undertaking

The propose Strangemore's Electrical quarry site is 2.27 hectares in size and is located North of Goose Cove Road in St. Anthony NL. The proposed Quarry is North of the original quarry and West of Maurice's Service Centre quarry. Strangemore's proposes to use the development for a source of natural gravels and ripped rock.

3.2 Purpose/Need for Undertaking

The purposed of the new quarry site is to provide needed backfill materials that can no longer be supplied by the existing quarry.

4.0 Description of the Undertaking

4.1 Geographic Location

The proposed quarry is located 153m North of Strangemore's existing quarry and 50m West of Maurice's Service Centre quarry within the town limits of St. Anthony NL. Refer to Figure 1 for location of the proposed area and figure 2 for a quarry permit application area map. The proposed site will have access through Strangemores existing quarry and through a new road access as shown in figure 3. The proposed quarry site is located within the town limits of St. Anthony and is zoned as Rural. The Town of St Anthony has no objection to this quarry. No permit from the Town will be required.

4.2 Physical Features

4.2.1 Project Description

The primary physical feature of this land is the hill bordering the quarry. Access to the quarry will be through the existing quarry leased to Strangemore's and a new access road containing culverts will be constructed as not to interfere with the small wetland in the area.

4.2.2 Existing Environmental Conditions

The Location of the quarry is along the edge of a hill local known as Deer Park and is a part of a larger chain locally known as the White Hills. The area is covered by a typical Newfoundland forest of trees such as Black spruce, Birch, and Balsam Fir. The area is above a pond and is a dry area with no streams or bodies of water located inside the quarry boundaries. Wildlife in the area is composed of small birds such as American Robin, Blue Jay, and American Crow and large mammals such as Moose and Coyotes.

4.3 Construction and Operation

The quarry development will be 2.27 hectares in size. The construction phase of the project is as follows.

- Road Access
- Clearing and Grubbing
- Quarry Development

4.3.1 Road Access

This quarry will be accessed using the existing road into and through Strangemore's existing quarry at the boundary a new road will be constructed as to not interfere with a small wetland in the area and is to be done with culverts and riprapping as to protect the stream for sediment and the road from erosion. There are no upgrades to existing roads that are required at present. This new road will be approx. 5 meters wide by 150 meters long. See figure 3 for road access location.

4.3.2 Clearing and Grubbing

The quarry site will be cleared of all salvageable fire wood with approved permits and will be cleared using chain saws not a mechanical harvester. After such clearing has been done the stumps and grubbing will be stripped to required depth (to top of backfill) and stockpiled on site for future remediation.

4.3.3 Quarry Development

The quarry will be cleared of all vegetation to the downward boundaries of the site and used as a berm to obscure visibility from Route 430. Then the land will be excavated and stockpiled on an as needed basis to be moved to various job sites in the area. All materials will be stockpiled within the boundaries of the quarry as to not damage any of the out lying vegetation and to help keep the site less visible from Goose Cove road. The quarry development will last approx. 5-10 years depending on backfill yield and demand for product. This site will consist of stripping and ripping of natural gravels and shale rock deposits.

4.4 Potential Sources of Pollution

The construction phase of the development of the quarry will consist of the tree clearing, grubbing of overburden. The potential sources of pollution during this time will be drainage, noise, dust, air emissions and potential spills from equipment.

There is a pond and small stream located on the downward slope of the quarry but is located outside the proposed quarry and because of the required easement around water bodies and streams that the vegetation in this area should not allow any sediment to reach either area. Stockpiling of the overburden will be so that it will contain any of this sediment erosion as it will be piled on the downward slope side of the quarry. If required sediment settling ponds will be used to control sediments.

Strangemore's Electrical will have sole access to this site and does not intend to have and waste generated on site as it will be a natural material quarry and will not require blasting. Access will be blocked as outside of business hours as to deter illegal dumping.

Equipment on site is a 330 Excavator used to excavate fill and has a spill kits on board as to contain any leaks that may occur due to failing equipment (Oil leaks). Noise levels will not be an issue as machines are equipped with the proper manufacturer equipment (exhaust systems) and busting and blasting are not intended for this site. The pit is located Approx. 1.5 km from the town of St. Anthony itself.

Dust will be controlled by appropriate measures such as watering of roads to limit dust from equipment.

Air emissions are controlled by the manufacturer and meet all guidelines set forth by the government and manufactures.

There will be no fuel or related products stored on site.

4.5 Wildlife Protection Measurements

Development of the quarry will follow regulations and guidelines with respect to wildlife and its habitats to minimize any potential negative impacts to such wildlife.

In order to reduce impact the following will be adhered to:

- A) Where possible all vegetation stripping will take place out of nesting, breeding, and rearing periods.
- B) If clearing is required within these periods surveys will be completed before work commences to assure no nesting, breeding or rearing in the area at that time.
- C) Areas of nesting, breeding, and rearing will have a 30m buffer while these activities take place.
- D) Vehicles will not be used in any way to harass, taunt, or conflict with wildlife in the area.
- E) Nest searching will be done by the persons cutting wood

4.6 Potential Resource Conflicts

The proposed area is not within any known mineral deposits and is not currently boarding and mines or quarries. There is no potential for conflict from hunters and fishers. There are not suitable wood resources to support a commercial license and it is not within a personal cutting area. This development should not have any impact on any resources in the area.

4.7 Occupations

During peak operation we hire additional employees,(Equipment Operators) having access to this site will prolong the season and work for these employees.

Site operation and construction for the quarry will include

1 Foreperson

3 – 7 Operators

Strangemore's Electrical Ltd. Is an equal opportunity employer and encourage anyone qualified to apply.

4.8 Remediation

This site will be remediated with all unsuitable materials cleared and stockpiled on site. No holes will be left to become stagnant bodies of water. All land will be sloped as to not leave any unnatural faces or voids.

4.9 Project Related Documents

An Application for this quarry has been submitted to the department of natural resources and sent to proper authorities and bodies in government with reference to quarry applications and have been approved by these bodies.

5.0 Approval of Undertaking



Release from Environmental Assessment

Quarry Permit from the Department of Natural Resources

Figure 1

Proposed Quarry Location

Legend

-  Access Road
-  Proposed Quarry

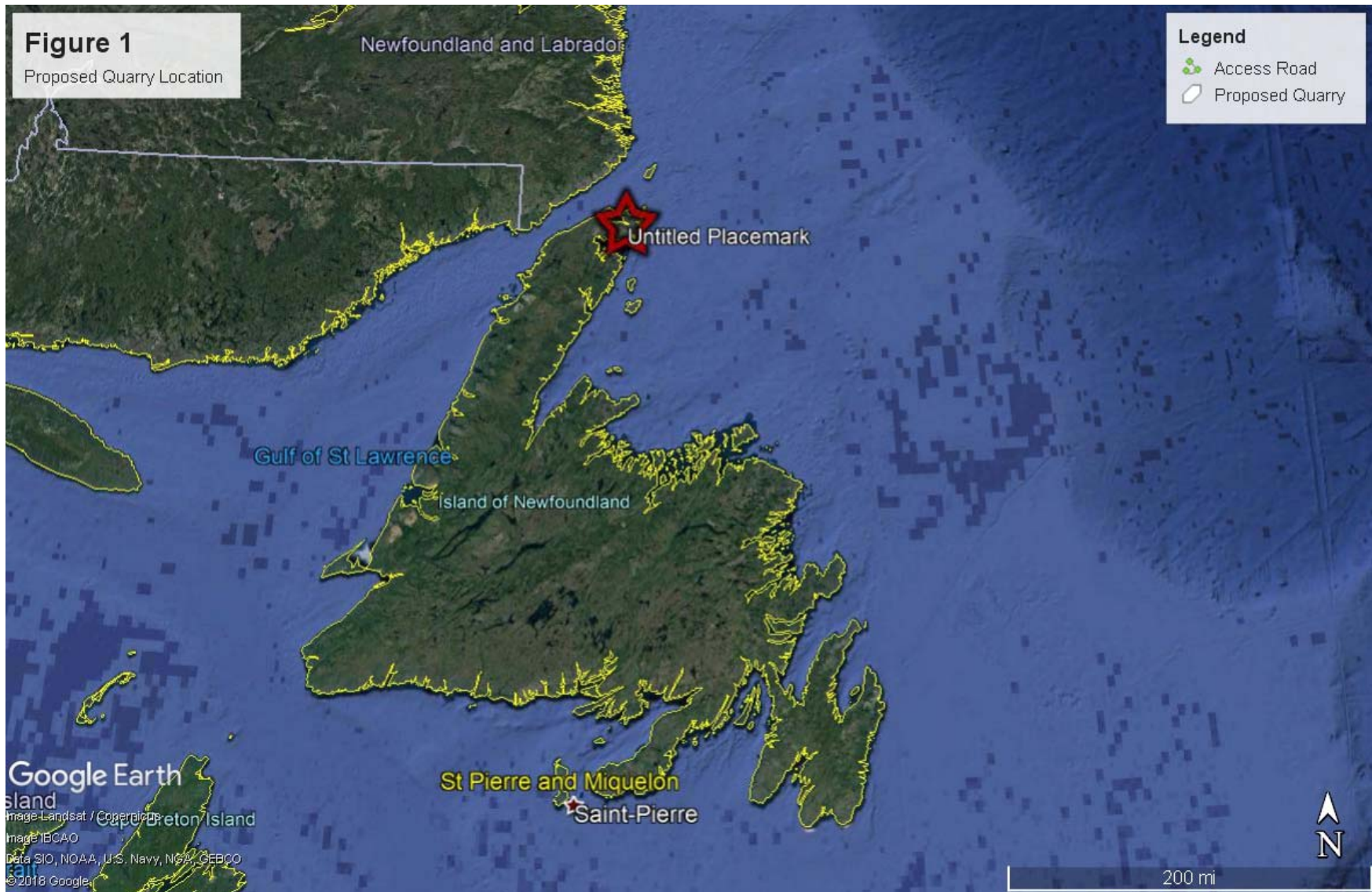
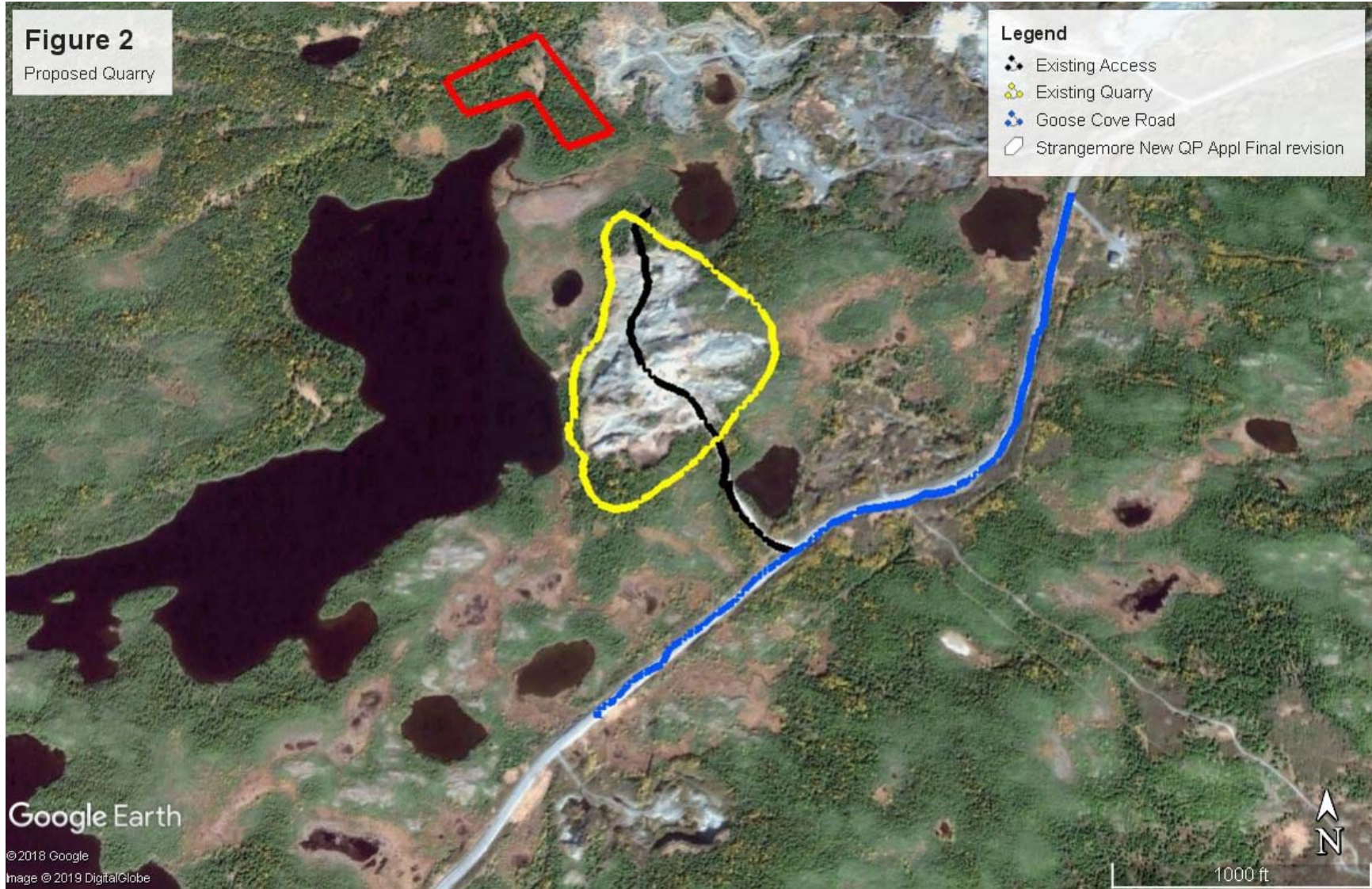


Figure 2

Proposed Quarry

Legend

-  Existing Access
-  Existing Quarry
-  Goose Cove Road
-  Strangemore New QP Appl Final revision



Google Earth

©2018 Google

Image © 2019 DigitalGlobe

Figure 3

Road Access for new Quarry

Legend

- Existing road to pit
- Goose Cove Road
- Proposed new road
- Strangemore New QP Appl Final revision
- Existing Pit

Google Earth

© 2018 Google
Image © 2019 DigitalGlobe



2000 ft

